

Amendments to the Abstract

Please amend the Abstract as follows:

Described herein is a cooling device (1) for a fuel-recirculation circuit from the injection system to the tank of a motor vehicle, which has a first opening (8) and a second opening (8) for connection to said recirculation circuit and comprises a pipe (2) and a finned radiant body (4) in a relationship of heat exchange with the pipe (2), in which the pipe (2) is defined by a through cavity (3) of the radiant body (4) and comprises guide means (7) for guiding the flow of fuel, said guide means (7) being housed in said pipe (2) in order to define at least one path of flow of the fuel adjacent to a side wall of the pipe (2).